

14-MAR-2005 DGN: F:\et\N\etad\Standard Drawings\Imperial\2005\Approved\Change\Approved\etad2.dgn

ATMS LINE STYLE LEGEND

FUTURE OR EXISTING	REQ'D	TYPE	CONDUCTOR TYPES
----#d----	—#D—	4-CONDUIT DUCT BANK (# INDICATES NUMBER OF 4-CONDUIT DUCT BANKS 1, 2, OR 4)	FIBER OPTIC
---hv#----	—HV#—	HIGH VOLTAGE CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4)	120, 240, OR 480VAC
---lv#----	—LV#—	LOW VOLTAGE CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4)	COPPER COMM OR POWER LESS THAN 120VAC
---tcl#----	—TAL#—	TAIL CIRCUIT COMMUNICATIONS CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4)	FIBER OPTIC OR COPPER COMM
---spr#----	—SPR#—	SPARE CONDUIT (# INDICATES SIZE IN INCHES - 1 1/2, 2, 3, OR 4)	EMPTY
---xc----		EXISTING CONDUIT	UNKNOWN OR AS SPECIFIED
---ohp----	—OHP—	OVERHEAD POWER	N/A
---ohc----	—OHC—	OVERHEAD COMMUNICATIONS	N/A
---ohx----		EXISTING OVERHEAD CONDUCTORS	UNKNOWN OR AS SPECIFIED

ABBREVIATIONS

ABBREVIATION	DEFINITION
ATMS	ADVANCED TRAFFIC MANAGEMENT SYSTEM
AWG	AMERICAN WIRE GAUGE
CAB	CABINET
CAT-#	CATEGORY - (# INDICATES CATEGORY NUMBER) CONDUCTOR
CCTV	CLOSED CIRCUIT TELEVISION
COMM	COMMUNICATIONS
DLC	DETECTOR LOOP LEAD-IN CABLES
DIA	DIAMETER
FRE	FIBERGLASS REINFORCED EPOXY
GND	GROUND CONDUCTOR
GRC	GALVANIZED RIGID CONDUIT
HDPE	HIGH DENSITY POLYETHYLENE
HFC	HYBRID FIBER CABLE
HMA	HOT MIX ASPHALT
LAN	LOCAL AREA NETWORK
NID	NON-INTRUSIVE DETECTOR
NTS	NOT TO SCALE
OC	OFF CENTER
PC	POLYMER CONCRETE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PTCC	PAN-TILT CONTROL CABLE
PTZ	PAN/TILT/ZOOM
PWR	POWER
RMS	RAMP METER STATION
REQ'D	REQUIRED
ROW	RIGHT-OF-WAY
RPU	REMOTE PROCESSING UNIT (FOR RWIS)
RWIS	ROADWAY WEATHER INFORMATION SYSTEM
## SMF	SINGLE MODE FIBER (## INDICATES NUMBER OF STRANDS)
TMS	TRAFFIC MONITORING STATION
TOC	TRAFFIC OPERATIONS CENTER
TSC	TRAFFIC SIGNAL CONTROLLER
TYP	TYPICAL
VAC	VOLTS (ALTERNATING CURRENT)
VID	VIDEO
VMS	VARIABLE MESSAGE SIGN
WIM	WEIGHT-IN-MOTION
WP	WORKING POINT

DETAIL CALLOUT LEGEND

CALLOUT	MEANING
	SEE DETAIL "X" ON SHEET "Y"

CONDUCTOR LEGEND

CALLOUT	DEFINITION
X-Y(Z)	X=QUANTITY Y=WIRE SIZE (AWG) Z=PURPOSE

EQUIPMENT LEGEND

FUTURE OR EXISTING	REQ'D	EQUIPMENT TYPE
		TYPE I FREEWAY VARIABLE MESSAGE SIGN (VMS) ASSEMBLY
		ROADWAY WEATHER INFORMATION SYSTEM
		OMNI DIRECTIONAL ANTENNA
		YAGI DIRECTIONAL ANTENNA
		CCTV CAMERA/PTZ/POLE AND FOUNDATION
		VIDEO DETECTION
		NON-INTRUSIVE DETECTOR
		DETECTOR LOOP
		TYPE I- POLYMER CONCRETE JUNCTION BOX
		TYPE II- POLYMER CONCRETE JUNCTION BOX
		TYPE III- POLYMER CONCRETE JUNCTION BOX
		COMMUNICATIONS VAULT
		COMMUNICATIONS HUB
		ATMS CABINET
		SIGNAL CABINET
		ADVANCED FLASHING BEACON SIGN ON POLE
		MASTARM WITH SIGNAL HEADS
		SIGNAL HEAD
		POLE
		POWER POLE
		POLE MOUNTED METER
		POWER SERVICE POINT
		UNDERGROUND SERVICE PEDESTAL
		POLE MOUNTED TRANSFORMER
		PAD MOUNTED TRANSFORMER
		PAD MOUNTED TRANSFORMER WITH DISCONNECT

ELECTRICAL SCHEMATIC LEGEND

FUTURE OR EXISTING	SYMBOL	EQUIPMENT
		BREAKER
		METER
		NEUTRAL LUG
		EQUIPMENT GROUND LUG
		GROUND ROD
		TRANSFORMER
		BLADE SWITCH
		FUSE

UTAH DEPARTMENT OF TRANSPORTATION

STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

SALT LAKE COUNTY

RECOMMENDED FOR APPROVAL

CHAIRMAN STANDARDS COMMITTEE

APPROVED

DEPUTY DIRECTOR

LEGEND SHEET

STD DWG
AT 1

REVISIONS
1 2/24/05 S.S. DRAWING COMPLETELY REVISED.

REMARKS

NO. DATE APPR.